

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	322	(706/15).CCLS.	USPAT; USOCR	OR	OFF	2007/09/04 10:26

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	digital neural network circuit board	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 07:13
L2	1	digital neural network circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 07:14
L3	207	digital neural network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 07:14
L4	6	neuron with processor with memory with array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 08:12
S1	26	functional neural network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 03:50
S2	183	functional near5 neural network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 03:40
S3	6	neural network and (neuron with processor with memory with array)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 08:12

## EAST Search History

S4	3	neural network and (neuron with pointer with array)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 03:52
S5	21	neural network and (neuron near5 pointer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/04 07:13

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	structural neuron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 12:55
S2	4	elemental neuron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 12:59
S3	1	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 12:44
S4	15	neuron near3 pointer near3 neuron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 17:03
S5	4	binary tree neural network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 17:03

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

**Google**

neural network neuron having processor and r

Search

[Advanced Search](#)  
[Preferences](#)

The "AND" operator is unnecessary -- we include all search terms by default. [View search details](#)

**Web Scholar** Results 1 - 10 of about **609,000** for **neural network neuron having processor and memory**. ((

Scholarly articles for **neural network neuron having processor and memory**



A **neural network** component for an intrusion detection system - Debar - Cited by 195

Apparatus including a pair of **neural networks having** ... - Baji - Cited by 26

**Neural Networks and Analog Computation: Beyond the** ... - Siegelmann - Cited by 259

### **Neural Network Processor**

This can be done by **having** a separate counter for it and **memory** block for it. ... Now, with this, you could have a **neural network processor** that could have ...

[neuralnetworks.ai-depot.com/NeuralNetworks/1426.html](http://neuralnetworks.ai-depot.com/NeuralNetworks/1426.html) - 13k - [Cached](#) - [Similar pages](#)

### **Find patent Dynamic memory processor**

Computerized voting information system **having** predefined content and voting ... The **dynamic memory processor** is part of a new **neural network** technology that ...

[www.eipa-patents.org/Finance/Find-patent-Dynamic-memory-processor-500021.htm](http://www.eipa-patents.org/Finance/Find-patent-Dynamic-memory-processor-500021.htm) - 26k

- [Cached](#) - [Similar pages](#)

### **Learning method for neural network having discrete interconnection ...**

Therefore, learning in a **neural network having** a discrete ... includes a computer 20

**having a processor 22, memory 24 and Input/Output (I/O) controller 26.** ...

[www.patentstorm.us/patents/5644681-description.html](http://www.patentstorm.us/patents/5644681-description.html) - 34k - [Cached](#) - [Similar pages](#)

### **Dynamic memory processor - US Patent 6560582**

A **dynamic memory processor** for time variant pattern recognition and an input data dimensionality reduction is provided **having** a multi-layer harmonic **neural** ...

[www.patentstorm.us/patents/6560582.html](http://www.patentstorm.us/patents/6560582.html) - 21k - [Cached](#) - [Similar pages](#)

[ [More results from www.patentstorm.us](#) ]

### **Learning method for neural network having discrete interconnection ...**

for each interconnection of the optical **neural network having** a discrete ..... includes a computer 20 **having a processor 22, memory 24 and Input/Output** ...

[www.freepatentsonline.com/5644681.html](http://www.freepatentsonline.com/5644681.html) - 55k - [Cached](#) - [Similar pages](#)

### **Feed forward neural network for unary associative memory - Patent ...**

Feed forward **neural network** models for associative content addressable **memory** ... from only the one **processor neuron having** the greatest current input. ...

[www.freepatentsonline.com/5023833.html](http://www.freepatentsonline.com/5023833.html) - 74k - [Cached](#) - [Similar pages](#)

[ [More results from www.freepatentsonline.com](#) ]

### **[PDF] Arithmetic-unit and processor design for neural networks - Neural ...**

File Format: PDF/Adobe Acrobat

Consider a **processor-memory** pair in which the **processor** consists of ... for **neural-network** processing. (An alternative to **having** an SIMD or vector ...

[ieeexplore.ieee.org/iel5/7132/19261/00890174.pdf](http://ieeexplore.ieee.org/iel5/7132/19261/00890174.pdf) - [Similar pages](#)

### **[PDF] Intelligent-memory architecture for artificial neural networks ...**

File Format: PDF/Adobe Acrobat

Lund Associative Array **Processor** (Lucas),. 9. which used a **memory** with a ..... Response time of a **neural network** of four layers,. each **having n neurons**, ...

[ieeexplore.ieee.org/iel5/40/21821/01013302.pdf?arnumber=1013302](http://ieeexplore.ieee.org/iel5/40/21821/01013302.pdf?arnumber=1013302) - [Similar pages](#)

Web Images Video News Maps Gmail more ▾

[Sign in](#)

Google

+elemental +structural +neurons sigma-pi model

Search

[Advanced Search](#)  
[Preferences](#)

New! [View and manage your web history](#)

Web Scholar Results 1 - 10 of about 127 for +elemental +structural +neurons sigma-pi model. (0.32 sec)

Did you mean: +elemental +**structure** +neurons sigma-pi model

Scholarly articles for +elemental +structural +neurons sigma-pi model



[Evolutionary Induction of Sparse Neural Trees](#) - Zhang - Cited by 48

[Artificial Neural Networks for Civil Engineers: ...](#) - Garrett - Cited by 18

[A Bayesian evolutionary approach to the design and ...](#) - Zhang - Cited by 3

[Freeman Web Archives](#)

**Structural** overview. As the **elemental** unit from which the nervous system is ..... In some **models of neurons**, it is replaced by a set of compartments in ...

[sulcus.berkeley.edu/FreemanWWW/manuscripts/ID6/92.html](http://sulcus.berkeley.edu/FreemanWWW/manuscripts/ID6/92.html) - 213k -

[Cached](#) - [Similar pages](#)

**KEYWORD INDEX** abort-replan scheme, 619 acceleration, method of ...

... 651 electrophysiological data, 651 Keyword Index 1177 **elemental** motions, .... 27

shunting inhibition, 764 **sigma-pi** units, 35 sigmoid circuit, ...

[books.nips.cc/papers/txt/nips04/1175.txt](http://books.nips.cc/papers/txt/nips04/1175.txt) - 20k - [Cached](#) - [Similar pages](#)

(PDF) 1 Introduction

File Format: PDF/Adobe Acrobat

weight numbers were reduced by connecting all hidden layer **neurons** to the ..... differently resourced **sigma-pi** networks. This **elemental** heterogeneity means ...

[adt.lib.swin.edu.au/uploads/approved/adt-VSWT20070423.121528/public/02chapters1-5.pdf](http://adt.lib.swin.edu.au/uploads/approved/adt-VSWT20070423.121528/public/02chapters1-5.pdf)

- [Similar pages](#)

(PS) **The Neural Basis of Cognitive Development: A Constructivist Manifesto**

File Format: Adobe PostScript - [View as Text](#)

change during development in terms that correspond to **structural** changes in ..... in wholesale changes in representation with each new **elemental** change; ...

[ftp://ftp.cnl.salk.edu/pub/steve/quartz.const.ps.Z](http://ftp.cnl.salk.edu/pub/steve/quartz.const.ps.Z) - [Similar pages](#)

EP526504 Sutherland european software patent - Artificial neural ...

The size and shape of these **neurons** vary widely, but the **structural** plan always .... The **elemental** operation within the representative linear search ...

[gauss.ffii.org/PatentView/EP526504](http://gauss.ffii.org/PatentView/EP526504) - 229k - [Cached](#) - [Similar pages](#)

**THE NEURAL BASIS OF COGNITIVE DEVELOPMENT:**

Mainen, Z.F., Joerges, J., Huguenard, J.R. & Sejnowski, T.J. (1995) A **model** of spike initiation in neocortical pyramidal **neurons**. *Neuron* 15:1427-1439. ...

[www.bbsonline.org/Preprints/OldArchive/bbs.quartz.html](http://www.bbsonline.org/Preprints/OldArchive/bbs.quartz.html) - 164k - [Cached](#) - [Similar pages](#)

**CONSTRUCTIVIST MANIFESTO**

A **model** of spike initiation in neocortical pyramidal **neurons**. ... **Sigma-Pi** learning: On radial basis functions and cortical associative learning. ...

[www.geocities.com/ResearchTriangle/System/8870/books/brainconstruction.html](http://www.geocities.com/ResearchTriangle/System/8870/books/brainconstruction.html) - 194k -

[Cached](#) - [Similar pages](#)

(PDF) **THESE Emmanuel GUIGON MODELISATION DES PROPRIETES DU CORTEX ...**

File Format: PDF/Adobe Acrobat

**Sigma-pi** unit. Most neural **models** used formal **neurons**. ..... Levy WB, Colbert CM,

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

neuron with memory

Search

[Advanced Search](#)  
[Preferences](#)

New! [View and manage your web history](#)

Web

Results 1 - 10 of about 1,770,000 for neuron with memory. (0.33 seconds)

### Recognition Memory

Visual recognition **memory** involves a reduction in neuronal activity. ... Given the number of synapses typically present on a **neuron** (1000 or more), ...

[www.bris.ac.uk/synaptic/research/projects/memory/recmem.htm](http://www.bris.ac.uk/synaptic/research/projects/memory/recmem.htm) - 20k - [Cached](#) - [Similar pages](#)

### Sponsored Links

**Natural Memory Supplement**  
Proprietary Herbal Alert! Formula  
For Natural **Memory** & Brain Health  
[NaturallyDirect.net](http://NaturallyDirect.net)

### How Are Memories Stored and Retrieved? -- Miller 309 (5731): 92 ...

How its various components interact during **memory** encoding and retrieval is ... called synapses, between **neurons**, whereas long-term **memory** (lasting days or ... [www.sciencemag.org/cgi/content/full/309/5731/92](http://www.sciencemag.org/cgi/content/full/309/5731/92) - [Similar pages](#)

### Neuron - Memory Alpha, the Star Trek Wiki

From **Memory Alpha**, the free Star Trek reference. Jump to: navigation, search. **Neurons** are cells of the nervous system. They receive chemical messages and in ... [memory-alpha.org/en/wiki/Neuron](http://memory-alpha.org/en/wiki/Neuron) - 22k - [Cached](#) - [Similar pages](#)

### Neuron Model Memory Efficiency

I've developed a new **neuron** model that will allow for the learning of all input sites to take up 10000 times less **memory**. This **neuron** model, by the way, ... [neuralnetworks.ai-depot.com/NeuralNetworks/1441.html](http://neuralnetworks.ai-depot.com/NeuralNetworks/1441.html) - 8k - [Cached](#) - [Similar pages](#)

### Neurons enter memory competition : Article : Nature Reviews ...

Han et al. show that **neurons** compete to take part in fear **memory** formation and that a **neuron's** level of the transcription factor cyclic AMP-response element ... [www.nature.com/nrn/journal/v8/n6/full/nrn2193.html](http://www.nature.com/nrn/journal/v8/n6/full/nrn2193.html) - [Similar pages](#)

### Young and excitable: new neurons in memory networks - Nature ...

In the adult hippocampus, a brain region that is important for **memory**, new **neurons** are generated continuously. A study now shows that these newly generated ... [www.nature.com/neuro/journal/v10/n3/full/nn0307-273.html](http://www.nature.com/neuro/journal/v10/n3/full/nn0307-273.html) - [Similar pages](#)  
[ [More results from www.nature.com](#) ]

### Memory: Neurons enter memory competition - Cell Signaling Update ...

**Neurons** compete to take part in fear **memory** formation, and a **neuron's** level of the transcription factor cyclic AMP-response element binding protein (CREB) ... [www.signaling-gateway.org/update/updates/200706/nrn2155.html](http://www.signaling-gateway.org/update/updates/200706/nrn2155.html) - [Similar pages](#)

### Memory Neuron: Operating Characteristics for the Memory Component ...

In this paper an attempt is made to deduce the principal operating characteristics that a **neuron** would need in order to qualify as the basic **memory** ... [www.pnas.org/cgi/content/abstract/77/4/2305](http://www.pnas.org/cgi/content/abstract/77/4/2305) - [Similar pages](#)

### Neurons on the Map - The Fifth Neuron Satellite Meeting

FINAL PROGRAMME - **NEURONS AND MEMORY** (2004). October 21, 2004. 6:30-9:30  
Opening reception and poster session. October 22, 2004. 7:30 Registration open ... [www.neuron-meeting.com/04program.htm](http://www.neuron-meeting.com/04program.htm) - 9k - [Cached](#) - [Similar pages](#)